Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
MAY 1984

Summary: Ohio's seasonally adjusted jobless rate increased from 10.0 percent in April to 10.2 percent in May. The unadjusted rate was 9.7 percent, essentially unchanged from April's 9.8 percent. Actual unemployment (not seasonally adjusted) was 493,000 in May, little changed from April. Total employment was up 1.9 percent, to 4,593,000. Seasonal hiring in nonmanufacturing industries raised the nonfarm wage and salary sector .8 percent, to 4,198,000. Cutbacks in overtime lowered factory hours and earnings averages.

Factory Employment: Workers in Ohio's factories numbered 1,118,000 in May, up .3 percent from April. Structural clay products and ready-mixed concrete accounted for much of the increase in stone-clay-glass. Widely scattered recalls raised employment moderately in nonelectrical machinery and in food products. A labor-management settlement largely accounted for the increase in fabricated metals. Employment declined in iron and steel foundries, due to a dispute at one establishment and permanent closing of another. Fewer orders led to layoffs in furniture and appliances.

Nonmanufacturing Employment: Ohio's nonmanufacturing industries employed 3,080,000 workers in May, up 1.1 percent from April. Summer hiring among outdoor amusements boosted employment in services, despite a seasonal decline among private schools and colleges. Expansion in retail trade occurred mainly among eating and drinking places. Construction employment continued its seasonal advance. Hiring among nonschool units of local governments more than offset layoffs of public university employees.

Factory Hours and Earnings: Weekly earnings of Ohio's factory production workers, at $459.73 in May, were $5.65 below April's record level. The average workweek was down .4 hours, to 42.1 hours. Curtailed overtime caused significantly lower hours and earnings in the production of motor vehicles, metal stampings, and plastics products. Overtime cutbacks also accounted for lower averages in petroleum refining, commercial printing, meat processing, and papermaking.

Over the Year: The unadjusted unemployment rate for Ohio fell from 12.9 percent of the civilian labor force in May 1983 to 9.7 percent in May 1984. The number of jobless workers dropped by 170,000 in the same period. Total employment gained 2.3 percent, while the number of workers on nonagricultural payrolls rose 2.7 percent. Factory employment advanced 6.0 percent over the year, with transportation equipment, fabricated metals, and rubber and plastics products accounting for nearly half the gain. Growth in the service industries was responsible for most of the increase in nonmanufacturing, although retail trade and construction also rose substantially. Factory production workers averaged nearly $28 more per week in May 1984 than a year earlier. Their average workweek was lengthened by one hour.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Wage and salary employment in Akron's nonagricultural industries rose 3,400 from April, to 253,100 in May. Manufacturing increased 300 for the month, to 67,400, due to gains in durable-goods industries. Seasonal growth in services, retail trade, and construction boosted nonmanufacturing for the month. Production workers in factories grossed $10.83 per hour for a workweek of 43.2 hours, up 7¢ and down .6 hours from April averages.

Canton.--Canton's nonagricultural payroll employment rose 900 from April to 147,700 in May. Nonmanufacturing accounted for the gain, with seasonal advances in construction and retail trade. Manufacturing workers numbered 45,300, down slightly from the previous month. Factory production workers averaged 41.0 hours per week at $10.99 per hour, up .5 hours and 9¢ from April.

Cincinnati.--Nonfarm establishments in Cincinnati employed 589,500 wage and salary workers in May, up 5,300 from April. Manufacturing expanded by 600, to 145,200. A seasonal pickup in services, retail trade, and construction lifted nonmanufacturing for the month. Production workers in factories grossed $10.50 per hour, down 8¢ from April. Their workweek in May was .4 hours shorter, at 41.7 hours.

Cleveland.--Nonagricultural wage and salary employment in the Cleveland area totaled 829,900 in May, 4,100 above the April level. Seasonal growth in retail trade, construction, and services was responsible for most of the gain. Total factory employment was unchanged for the month, at 210,600. Production workers in manufacturing industries averaged $10.86 per hour, up 4¢ from April, for a workweek of 42.3 hours, on par with the previous month.

Columbus.--Nonfarm payroll employment in Columbus rose 2,700 from April, to 516,700 in May. A labor-management dispute in steel castings lowered manufacturing to 87,100, down 300 from the previous month. Nonmanufacturing employment rose as seasonal gains in retailing, construction, and services were only partially offset by end-of-term furloughs of university employees. Production workers in factories averaged $10.30 per hour in April, up 8¢ for May, while their workweek slipped slightly, to 40.4 hours.

Dayton.--Dayton's nonfarm establishments employed 344,500 wage and salary workers in May, up 700 from April. Nonmanufacturing expanded seasonally in retailing and construction, despite cutbacks in educational services. Losses in durable goods lowered manufacturing slightly, to 91,300 for the month. Production workers in factories grossed $11.05 per hour for a workweek of 42.6 hours, down 7¢ and .4 hours from April averages.

Toledo.--Nonagricultural wage and salary employment in Toledo rose 3,000 from April, to 294,500 in May. Nonmanufacturing accounted for most of the gain, with seasonal advances in retail trade, construction, and services. Manufacturing workers numbered 75,900, up fractionally from the previous month. Factory production workers averaged $11.55 per hour for a workweek of 43.6 hours in May, down slightly from April.

Youngstown-Warren.--Wage and salary employment in the Youngstown-Warren area's nonagricultural industries rose 1,500 from April, to 182,400 in May. Manufacturing decreased 200 for the month, to 55,600. Widespread increases (notably in retail trade and services) boosted nonmanufacturing for the overall gain. Production workers in factories grossed $12.86 per hour, down slightly from April. Their workweek decreased .2 hours, to 43.3 hours in May.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-20-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
May	246.0	143.8	575.3	825.5	499.7	334.8	281.8	178.7
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.1	147.7	589.5	829.9	516.7	344.5	294.5	182.4
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.4	45.3	145.2	210.6	87.1	91.3	75.9	55.6

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus incluoes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

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Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.3	46.3	115.2	200.4	74.1	85.0	60.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	68.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	44.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.9
1983								
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.6	32.3	96.8	135.4	57.5	59.5	54.7	42.2
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.3	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.2	41.0	41.7	42.3	40.4	42.6	43.6	43.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties. [k]Not comparable to prior data due to change in sample composition.

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.58
1983								
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.53
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.83	10.99	10.50	10.86	10.30	11.05	11.55	12.86
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	467.86	450.59	437.85	459.38	416.12	470.73	503.58	556.84

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
AKRON[b]				
1973	287.1	274.9	12.2	4.3
1974	290.8	277.7	13.0	4.5
1975	292.0	264.3	27.7	9.5
1976	291.3	266.3	25.0	8.6
1977	294.2	274.7	19.5	6.6
1978	298.9	282.2	16.7	5.6
1979	303.8	285.4	18.4	6.1
1980	304.5	278.3	26.2	8.6
1981	304.1	274.9	29.1	9.6
1982	303.9	268.0	35.9	11.8
1983	304.4	267.0	37.4	12.3
1983				
April	302.4	263.4	39.0	12.9
May	307.6	267.7	40.0	13.0
June	307.6	268.8	38.8	12.6
July	313.6	279.8	33.8	10.8
August	309.1	276.9	32.2	10.4
September	305.1	271.4	33.7	11.1
October	308.4	274.5	33.8	11.0
November	309.7	274.2	35.5	11.5
December	304.9	270.4	34.6	11.3
1984				
January	297.5	264.3	33.2	11.2
February	298.6	263.8	34.8	11.6
March	297.9	262.4	35.5	11.9
April[p]	300.3	268.4	31.9	10.6
CINCINNATI[d]				
1973	572.0	543.0	29.0	5.1
1974	595.3	569.8	25.5	4.3
1975	595.3	551.6	43.6	7.3
1976	604.8	566.6	38.2	6.3
1977	623.4	588.7	34.7	5.6
1978	648.3	615.8	32.5	5.0
1979	663.4	628.1	35.3	5.3
1980	676.2	628.6	47.5	7.0
1981	678.5	619.3	59.1	8.7
1982	682.0	610.4	71.6	10.5
1983	686.5	615.4	71.1	10.4
1983				
April	682.8	609.8	73.0	10.7
May	692.0	616.1	75.9	11.0
June	703.1	627.2	76.0	10.8
July	703.4	637.1	66.2	9.4
August	696.4	632.8	63.6	9.1
September	685.5	619.2	66.4	9.7
October	691.5	630.0	61.5	8.9
November	693.2	629.0	64.2	9.3
December	684.3	622.5	61.9	9.0
1984				
January	679.0	616.0	62.9	9.3
February	670.2	611.3	58.9	8.8
March	672.1	612.2	59.9	8.9
April[p]	682.8	625.0	57.8	8.5

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
CANTON[c]				
1973	171.2	163.1	8.1	4.7
1974	175.6	167.5	8.1	4.6
1975	174.7	158.0	16.7	9.6
1976	174.4	158.6	15.8	9.1
1977	175.9	163.1	12.9	7.3
1978	179.9	170.0	9.9	5.5
1979	184.3	173.7	10.6	5.7
1980	187.7	170.9	16.8	8.9
1981	188.4	170.1	18.2	9.7
1982	191.4	164.3	27.0	14.1
1983	188.4	160.7	27.6	14.7
1983				
April	188.0	158.3	29.8	15.8
May	191.0	160.7	30.3	15.8
June	192.7	163.9	28.7	14.9
July	193.1	168.9	24.2	12.5
August	191.0	167.0	24.0	12.6
September	186.6	162.2	24.3	13.0
October	189.2	164.6	24.6	13.0
November	189.5	164.4	25.1	13.2
December	186.0	162.4	23.6	12.7
1984				
January	182.3	159.8	22.5	12.3
February	180.7	158.9	21.9	12.1
March	181.7	158.7	23.0	12.6
April[p]	182.9	162.2	20.6	11.3
CLEVELAND[e]				
1973	883.9	849.0	34.9	3.9
1974	899.1	861.4	37.7	4.2
1975	896.9	826.3	70.6	7.9
1976	897.7	834.4	63.3	7.0
1977	908.5	854.4	54.0	5.9
1978	921.7	878.5	43.2	4.7
1979	935.8	889.1	46.7	5.0
1980	937.1	869.1	68.0	7.3
1981	933.9	854.0	79.8	8.5
1982	933.4	833.2	100.2	10.7
1983	930.7	824.7	105.9	11.4
1983				
April	923.4	813.9	109.5	11.9
May	936.9	822.2	113.8	12.2
June	962.0	845.0	117.0	12.2
July	966.5	867.1	99.3	10.3
August	955.0	857.0	98.0	10.3
September	925.8	826.4	99.4	10.7
October	936.6	840.1	96.6	10.3
November	935.3	836.6	98.7	10.6
December	917.5	828.3	89.3	9.7
1984				
January	899.5	815.9	83.7	9.3
February	887.4	806.6	80.8	9.1
March	890.2	802.3	87.9	9.9
April[p]	897.9	814.8	83.1	9.3

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties.
[p]Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
COLUMBUS[f]				
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	567.4	516.4	51.0	9.0
1983	579.1	527.4	51.7	8.9
1983				
April	572.6	520.1	52.5	9.2
May	580.0	526.2	53.7	9.3
June	594.3	537.2	57.1	9.6
July	599.8	549.2	50.7	8.4
August	591.8	544.6	47.2	8.0
September	577.9	528.9	49.0	8.5
October	594.3	545.1	49.2	8.3
November	594.7	544.2	50.5	8.5
December	585.3	537.9	47.4	8.1
1984				
January	575.1	529.6	45.4	7.9
February	570.0	526.7	43.2	7.6
March	571.3	525.2	46.0	8.1
April[p]	580.2	535.2	45.0	7.8
TOLEDO[h]				
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1983	374.2	326.9	47.2	12.6
1983				
April	368.4	320.7	47.7	12.9
May	379.0	328.4	50.6	13.4
June	380.6	332.0	48.6	12.8
July	382.1	337.7	44.4	11.6
August	379.2	335.1	44.1	11.6
September	374.8	331.9	42.9	11.5
October	380.0	338.3	41.7	11.0
November	381.3	337.5	43.8	11.5
December	372.5	331.9	40.5	10.9
1984				
January	366.1	327.4	38.6	10.6
February	365.7	327.7	38.0	10.4
March[p]	367.3	327.8	39.5	10.8
April	INA	INA	INA	INA

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
DAYTON[g]				
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	20.3	5.5
1978	381.1	363.7	17.3	4.6
1979	392.2	367.9	24.2	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.8	347.1	44.7	11.4
1983	390.6	350.7	39.9	10.2
1983				
April	388.6	346.5	42.0	10.8
May	391.3	349.9	41.4	10.6
June	400.1	356.8	43.2	10.8
July	400.0	362.6	37.4	9.4
August	396.5	359.4	37.1	9.3
September	389.5	353.7	35.7	9.2
October	395.4	360.8	34.7	8.8
November	396.8	360.3	36.5	9.2
December	388.0	355.5	32.5	8.4
1984				
January	385.5	353.0	32.5	8.4
February	383.7	350.3	33.4	8.7
March	383.4	348.5	34.9	9.1
April[p]	386.5	354.1	32.4	8.4
YOUNGSTOWN–WARREN[i]				
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.0	190.3	46.6	19.7
1983	227.3	189.6	37.8	16.6
1983				
April	226.8	187.5	39.3	17.3
May	230.7	190.3	40.4	17.5
June	233.8	193.5	40.3	17.2
July	233.4	199.5	33.9	14.5
August	232.6	196.2	36.4	15.6
September	226.7	193.1	33.6	14.8
October	227.0	195.5	31.5	13.9
November	227.9	195.2	32.7	14.4
December	222.4	192.2	30.2	13.6
1984				
January	218.3	189.7	28.6	13.1
February	214.6	188.2	26.4	12.3
March	215.3	186.8	28.5	13.2
April[p]	216.8	190.8	26.1	12.0

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties.
[p]Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
May	5,153	4,491	663	12.9	9.8
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,197.9	1,117.6	3,080.3

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.8	131.8	198.0	221.5	714.9	212.5	902.6	671.2

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.6	763.6	354.0	773.4	355.6	32.6

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufac-turing	Durable Goods	Nondurable Goods	Manufac-turing	Durable Goods	Nondurable Goods	Manufac-turing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$ 4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	479.12	414.59	42.1	42.4	41.5	10.92	11.30	9.99

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	133.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	133.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	133.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	133.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	54.8	111.0	139.3	159.8	92.9	141.7	65.2	63.1	89.3
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	269.22	222.68	226.95	219.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.51	414.83	329.85	320.32	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.59	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	423.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	414.24	541.87	479.25	464.81	421.26	579.92	416.75	383.91	418.39

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	4197.9	4162.8	4088.7	.8	2.7
MANUFACTURING	1117.6	1114.7	1054.8	.3	6.0
Durable Goods[e]	763.6	762.0	716.2	.2	6.6
Lumber and wood products	15.8	15.3	13.9	3.0	14.0
Furniture and fixtures	13.3	14.1	13.3	- 5.4	.4
Household furniture	5.8	6.4	6.3	- 9.9	- 7.6
Stone, clay, and glass products	54.8	54.1	52.1	1.3	5.1
Glass and glassware, pressed or blown	14.1	14.1	13.6	- .5	3.5
Structural clay products	4.7	4.4	4.7	5.4	- .9
Pottery and related products	5.4	5.2	5.8	2.5	- 6.7
Primary metal industries	111.0	111.7	103.4	- .6	7.4
Blast furnace and basic steel products	55.4	55.2	52.0	.4	6.5
Iron and steel foundries	21.2	22.3	19.9	- 4.9	6.2
Nonferrous rolling and drawing	18.7	18.8	17.9	- .2	3.0
Nonferrous foundries	9.4	9.2	8.1	1.8	15.4
Fabricated metal products	139.3	138.4	128.5	.7	8.5
Cutlery, hand tools, and hardware	11.3	11.3	11.0	- .4	2.3
Plumbing and heating, except electric	4.9	4.9	4.0	- 1.5	21.2
Fabricated structural metal products	28.8	28.6	28.3	.5	1.7
Screw machine products, bolts, etc.	8.8	8.7	8.4	1.5	5.5
Metal forgings and stampings	43.8	43.7	38.3	.2	14.4
Machinery, except electrical	159.8	159.2	152.4	.4	4.9
Construction and related machinery	15.7	15.6	16.9	.4	- 7.1
Metalworking machinery	39.4	39.2	38.0	.5	3.6
Special industry machinery	16.6	16.5	15.8	.6	4.8
General industrial machinery	31.6	31.5	29.0	.3	8.8
Electric and electronic equipment	92.9	93.3	89.6	- .4	3.7
Electrical industrial apparatus	19.0	19.0	18.7	.2	1.6
Household appliances	16.3	16.8	15.7	- 3.3	3.6
Electric lighting and wiring equipment	18.5	18.4	17.9	.3	3.3
Communication equipment	10.2	10.1	10.0	1.1	1.6
Transportation equipment	141.7	141.2	130.2	.3	8.9
Motor vehicles and equipment	95.0	94.8	85.8	.2	10.7
Aircraft and parts	38.4	38.3	36.0	.4	6.7
Instruments and related products	21.6	21.4	19.8	.9	8.9
Measuring and controlling devices	12.7	12.6	11.7	.9	8.5
Nondurable Goods[f]	354.0	352.7	338.6	.4	4.5
Food and kindred products	65.2	64.6	62.6	.9	4.2
Meat products	10.4	10.4	9.5	.4	9.5
Dairy products	10.4	10.4	10.4	- .3	.0
Bakery products	10.4	10.1	10.0	2.7	4.0
Beverages	10.7	10.5	10.2	1.3	4.6
Textile mill products	4.6	4.6	4.3	- .1	7.3
Apparel and other textile products	17.6	17.7	16.2	- .3	9.0
Paper and allied products	35.7	35.5	34.4	.6	3.9
Paper mills, except building paper	9.5	9.5	8.9	.4	6.3
Misc. converted paper products	11.5	11.5	11.2	- .1	2.8
Paperboard containers and boxes	11.8	11.7	11.3	.8	3.6
Printing and publishing	63.1	63.1	62.3	.0	1.3
Newspapers	18.0	18.0	18.0	- .2	.1
Commercial printing	23.4	23.3	22.7	.1	2.9
Chemicals and allied products	64.2	64.2	63.8	.1	.6
Industrial inorganic chemicals	11.5	11.4	11.6	.5	- .5
Plastics materials and synthetics	8.7	8.8	8.8	- .5	- .5
Petroleum and coal products	9.4	9.2	9.3	2.0	.9
Rubber and misc. plastics products	89.3	89.3	80.6	.0	10.8
Tires and inner tubes	20.5	20.5	20.2	.0	1.6
Miscellaneous plastics products	47.8	47.8	41.6	.0	14.7
Leather and leather products	4.7	4.4	5.1	5.7	- 6.6

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$459.73	$465.38	$431.96	42.1	42.5	41.1	$10.92	$10.95	$10.51
Durable Goods[d]	479.12	483.79	447.69	42.4	42.7	41.3	11.30	11.33	10.84
Lumber and wood products	297.54	294.23	293.60	40.1	39.6	40.0	7.42	7.43	7.34
Furniture and fixtures	317.49	322.51	308.25	40.6	41.4	40.4	7.82	7.79	7.63
Household furniture	277.99	279.79	268.42	39.6	40.2	39.3	7.02	6.96	6.83
Stone, clay, and glass products	414.24	420.93	397.85	41.3	41.8	41.1	10.03	10.07	9.68
Glass and glassware, pressed or blown.	439.83	438.07	416.71	40.5	40.6	39.8	10.86	10.79	10.47
Structural clay products	320.38	318.42	311.33	41.5	41.3	42.3	7.72	7.71	7.36
Pottery and related products	327.28	337.65	319.66	38.1	38.9	38.1	8.59	8.68	8.39
Primary metal industries	541.87	540.58	493.96	42.6	42.7	39.9	12.72	12.66	12.38
Blast furnace and basic steel products	547.94	555.82	504.96	41.7	42.3	38.4	13.14	13.14	13.15
Iron and steel foundries	551.00	524.88	486.21	43.8	42.5	41.1	12.58	12.35	11.83
Nonferrous rolling and drawing	580.29	582.22	521.64	42.7	43.0	41.4	13.59	13.54	12.60
Nonferrous foundries	415.77	430.91	393.73	43.4	44.7	42.2	9.58	9.64	9.33
Fabricated metal products	479.25	486.06	452.28	42.6	42.9	41.8	11.25	11.33	10.82
Cutlery, hand tools, and hardware	461.31	467.17	466.67	39.7	40.1	40.9	11.62	11.65	11.41
Plumbing and heating, except electric.	390.18	386.55	328.38	42.0	42.2	39.0	9.29	9.16	8.42
Fabricated structural metal products	412.82	406.89	399.59	41.2	41.1	40.2	10.02	9.90	9.94
Screw machine products, bolts, etc.	398.11	403.69	387.98	42.9	42.9	41.1	9.28	9.41	9.44
Metal forgings and stampings	594.96	611.08	548.00	44.6	45.4	43.7	13.34	13.46	12.54
Machinery, except electrical	464.81	468.93	417.91	42.8	43.1	40.3	10.86	10.88	10.37
Construction and related machinery	419.75	420.65	408.77	39.9	40.1	38.6	10.52	10.49	10.59
Metalworking machinery	434.70	436.58	391.68	42.0	42.1	38.4	10.35	10.37	10.20
Special industry machinery	445.98	446.34	395.85	42.8	43.0	40.6	10.42	10.38	9.75
General industrial machinery	467.08	472.51	415.74	42.5	42.8	40.6	10.99	11.04	10.24
Electric and electronic equipment	421.26	420.21	384.96	41.3	41.4	40.1	10.20	10.15	9.60
Electrical industrial apparatus	401.30	404.17	350.14	40.7	41.2	38.1	9.86	9.81	9.19
Household appliances	425.06	430.20	400.18	40.1	40.7	39.7	10.60	10.57	10.08
Electric lighting and wiring equipment	419.89	425.15	387.92	42.2	42.6	41.4	9.95	9.98	9.37
Communication equipment	474.99	444.85	413.60	42.6	41.0	40.0	11.15	10.85	10.34
Transportation equipment	579.92	593.18	560.33	43.9	44.6	44.4	13.21	13.30	12.62
Motor vehicles and equipment	607.87	624.70	594.17	44.5	45.4	45.6	13.66	13.76	13.03
Aircraft and parts	508.15	509.89	481.40	42.1	42.1	41.5	12.07	12.11	11.60
Instruments and related products	320.80	327.65	296.77	39.9	40.5	39.1	8.04	8.09	7.59
Measuring and controlling devices	319.18	325.22	289.56	39.6	40.3	38.2	8.06	8.07	7.58
Nondurable Goods[e]	414.59	420.26	397.80	41.5	41.9	40.8	9.99	10.03	9.75
Food and kindred products	416.75	424.27	401.58	41.8	42.3	41.4	9.97	10.03	9.70
Meat products	402.14	417.22	408.93	41.5	42.4	41.6	9.69	9.84	9.83
Dairy products	419.79	408.00	391.78	43.1	42.5	42.4	9.74	9.60	9.24
Bakery products	454.02	460.32	408.65	42.0	42.0	40.5	10.81	10.96	10.09
Beverages	375.80	383.66	361.80	39.6	40.3	40.2	9.49	9.52	9.00
Textile mill products	323.83	322.09	296.43	41.2	41.4	41.0	7.86	7.78	7.23
Apparel and other textile products	243.81	244.08	226.81	37.8	37.9	37.0	6.45	6.44	6.13
Paper and allied products	455.62	446.54	416.11	44.8	44.3	43.3	10.17	10.08	9.61
Paper mills, except building paper	562.13	573.58	507.31	47.8	48.2	46.8	11.76	11.90	10.84
Misc. converted paper products	402.99	396.09	366.91	43.1	43.1	41.6	9.35	9.19	8.82
Paperboard containers and boxes	414.98	389.30	384.02	44.1	42.5	42.2	9.41	9.16	9.10
Printing and publishing	383.91	388.22	367.52	38.2	38.4	36.9	10.05	10.11	9.96
Newspapers	330.60	321.71	318.72	33.7	33.2	32.0	9.81	9.69	9.96
Commercial printing	389.67	409.66	375.12	39.4	40.4	37.7	9.89	10.14	9.95
Chemicals and allied products	473.30	482.47	444.72	41.3	42.1	40.8	11.46	11.46	10.90
Industrial inorganic chemicals	518.67	519.29	472.79	42.1	42.6	41.4	12.32	12.19	11.42
Plastics materials and synthetics	529.40	537.47	486.78	43.5	44.2	42.7	12.17	12.16	11.40
Petroleum and coal products	600.18	650.71	581.15	42.0	44.6	41.6	14.29	14.59	13.97
Rubber and misc. plastics products	418.39	424.45	413.10	43.0	43.4	42.5	9.73	9.78	9.72
Tires and inner tubes	581.20	584.68	546.99	45.3	45.5	43.9	12.83	12.85	12.46
Miscellaneous plastics products	405.83	415.86	403.75	42.9	43.5	42.5	9.46	9.56	9.50
Leather and leather products	198.64	197.17	214.56	38.2	37.7	38.8	5.20	5.23	5.53

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MAY 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
NONMANUFACTURING	3080.3	3048.1	3033.9	1.1	1.5
MINING	27.8	27.4	25.6	1.3	8.6
Bituminous coal and lignite mining	11.9	11.8	10.5	.3	13.2
CONSTRUCTION	131.8	123.6	126.4	6.6	4.2
General building contractors	32.7	31.6	30.9	3.7	5.8
Heavy construction contractors	21.0	17.7	19.2	18.7	9.6
TRANSPORTATION AND PUBLIC UTILITIES	198.0	196.0	199.1	1.0	- .6
Railroad transportation	19.0	18.6	19.3	2.1	- 1.6
Transportation, except railroads	87.6	86.1	85.4	1.8	2.5
Trucking and warehousing	62.2	61.1	61.5	1.7	1.0
Communication, electric, gas services	91.4	91.3	94.4	.1	- 3.1
Communication	51.9	51.8	54.0	.2	- 4.0
Electric, gas, and sanitary services	39.6	39.5	40.4	.1	- 1.9
WHOLESALE TRADE	221.5	220.2	219.5	.6	.9
Wholesale trade-durable goods	138.3	137.8	137.2	.4	.8
Motor vehicles & automotive equipment	20.1	20.0	19.9	.6	.8
Electrical goods	18.6	18.5	18.4	.5	1.0
Machinery, equipment, and supplies	57.9	57.9	57.7	.1	.4
Wholesale trade-nondurable goods	83.2	82.4	82.2	.9	1.1
Groceries and related products	26.2	26.0	25.6	.8	2.4
RETAIL TRADE	714.9	704.1	705.9	1.5	1.3
General merchandise stores	108.4	108.0	107.7	.4	.7
Department stores	99.8	99.4	98.8	.4	1.1
Food stores	118.3	117.3	116.5	.8	1.5
Automotive dealers & service stations	75.4	74.6	75.1	1.0	.3
Apparel and accessory stores	32.9	32.8	33.2	.2	- 1.1
FINANCE, INSURANCE, AND REAL ESTATE	212.5	211.8	208.7	.3	1.8
Banking	57.1	57.5	58.4	- .7	- 2.1
Credit agencies other than banks	32.3	32.2	31.1	.1	3.7
Insurance carriers	59.3	59.2	59.2	.1	.2
SERVICES	902.6	894.4	877.5	.9	2.9
Hotels and other lodging places	29.7	28.5	29.3	4.2	1.1
Laundry, cleaning, & garment services	16.5	16.3	16.5	1.3	.0
Business services	134.1	133.0	127.2	.8	5.4
Health services	327.5	326.2	316.9	.4	3.4
Hospitals	177.7	177.2	174.0	.3	2.1
GOVERNMENT	671.2	670.5	671.3	.1	.0
Federal government	89.5	89.3	88.1	.2	1.6
State government	144.7	145.8	145.2	- .8	- .4
State government, except education	68.8	68.8	70.2	.0	- 2.0
State government education[i]	75.9	77.0	75.0	- 1.4	1.1
Local government	437.0	435.3	437.9	.4	- .2
Local government, except education	180.3	178.8	182.3	.9	- 1.1
Local government education	256.7	256.5	255.6	.0	.4

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MAY 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$491.62	$479.54	$445.40	43.2	42.4	42.5	$11.38	$11.31	$10.48
Bituminous coal and lignite mining	615.33	600.53	553.50	43.0	42.5	41.9	14.31	14.13	13.21
CONSTRUCTION	578.22	584.63	572.29	36.9	37.5	37.7	15.67	15.59	15.18
General building contractors	507.60	522.93	510.13	36.0	36.8	36.7	14.10	14.21	13.90
Heavy construction contractors	548.33	566.26	578.10	36.9	38.6	39.3	14.86	14.67	14.71
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	448.20	457.13	466.25	36.0	36.6	37.3	12.45	12.49	12.50
Communication, electric, gas services	484.41	484.79	442.26	40.3	40.5	39.7	12.02	11.97	11.14
Communication	480.00	481.99	433.87	40.1	40.3	39.3	11.97	11.96	11.04
Electric, gas, and sanitary services	489.65	488.78	452.65	40.5	40.8	40.2	12.09	11.98	11.26
WHOLESALE TRADE	339.70	337.98	326.43	39.5	39.3	39.0	8.60	8.60	8.37
Wholesale trade-durable goods	336.84	336.80	320.69	40.1	40.0	39.3	8.40	8.42	8.16
Motor vehicles & automotive equipment	275.34	278.58	280.84	39.0	38.8	37.9	7.06	7.18	7.41
Electrical goods	280.84	280.49	265.50	37.9	37.7	37.5	7.41	7.44	7.08
Machinery, equipment, and supplies	382.30	380.70	356.21	40.8	40.5	39.8	9.37	9.40	8.95
Wholesale trade-nondurable goods	345.08	340.74	336.88	38.6	38.2	38.5	8.94	8.92	8.75
Groceries and related products	365.49	359.70	363.78	40.7	40.1	40.6	8.98	8.97	8.96
RETAIL TRADE[f]	160.82	160.34	159.05	29.4	29.1	29.4	5.47	5.51	5.41
General merchandise stores	166.10	166.90	162.48	30.2	30.4	30.2	5.50	5.49	5.38
Department stores	169.38	169.89	165.44	30.3	30.5	30.3	5.59	5.57	5.46
Food stores	209.37	209.10	223.39	30.3	30.0	31.2	6.91	6.97	7.16
Automotive dealers & service stations	223.10	222.94	211.85	36.1	35.9	36.4	6.18	6.21	5.82
Apparel and accessory stores	114.14	118.69	114.74	26.0	26.2	25.9	4.39	4.53	4.43
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	221.43	222.78	213.39	....	....	....	....	....	....
Credit agencies other than banks	217.36	218.30	209.77	....	....	....	....	....	....
Insurance carriers	298.19	297.47	286.70	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	286.24	285.90	277.98	33.4	33.4	33.9	8.57	8.55	8.20
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	253.1	249.7	246.0	1.3	2.9
MANUFACTURING	67.4	67.0	64.7	.5	4.2
Durable Goods[e]	34.7	34.4	32.4	.8	7.1
Stone, clay, and glass products	1.3	1.3	1.4	3.3	- 7.8
Fabricated metal products	13.1	12.9	12.4	1.9	5.8
Machinery, except electrical	8.9	8.9	8.3	- .1	7.2
Special industry machinery	1.5	1.4	1.3	3.5	14.1
Nondurable Goods[f]	32.7	32.6	32.3	.2	1.2
Food and kindred products	2.7	2.7	2.6	.3	5.8
Chemicals and allied products	2.9	2.9	3.2	.6	- 11.4
Rubber and misc. plastics products	21.9	21.8	21.4	.3	2.1
Tires and inner tubes	15.5	15.5	15.5	.0	.1
NONMANUFACTURING[g]	185.7	182.7	181.3	1.6	2.4
CONSTRUCTION	7.0	6.4	6.6	8.4	4.9
TRANSPORTATION AND PUBLIC UTILITIES	12.4	12.3	12.6	1.4	- 1.6
Communication, electric, gas services	5.3	5.3	5.5	.2	- 3.9
WHOLESALE TRADE	11.5	11.5	11.6	.3	- .1
RETAIL TRADE	45.6	45.1	44.9	1.1	1.6
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.5	9.2	.2	3.3
SERVICES	55.9	54.4	52.9	2.8	5.5
GOVERNMENT	43.2	42.9	42.7	.5	1.0
State government (includes education)	14.9	14.8	14.3	.2	3.7
Local government (includes education)	26.2	26.0	26.4	.7	- .7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$467.86	$471.29	$440.91	43.2	43.8	42.6	$10.83	$10.76	$10.35
Durable Goods[d]	487.69	488.63	444.44	43.7	44.1	42.9	11.16	11.08	10.36
Stone, clay, and glass products	376.25	397.32	390.93	40.5	42.0	41.5	9.29	9.46	9.42
Fabricated metal products	602.10	599.80	507.36	45.0	45.2	43.7	13.38	13.27	11.61
Machinery, except electrical	411.55	412.10	411.15	44.3	44.6	43.6	9.29	9.24	9.43
Special industry machinery	498.58	497.61	413.22	48.5	48.5	42.6	10.28	10.26	9.70
Nondurable Goods[e]	439.03	447.62	436.35	42.5	43.5	42.2	10.33	10.29	10.34
Food and kindred products	476.19	459.65	460.80	45.7	44.8	45.0	10.42	10.26	10.24
Chemicals and allied products	441.57	453.47	445.12	41.0	41.3	41.6	10.77	10.98	10.70
Rubber and misc. plastics products	461.58	481.05	456.82	43.3	45.0	43.3	10.66	10.69	10.55
Tires and inner tubes	619.78	630.59	599.52	46.6	47.2	45.8	13.30	13.36	13.09
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	593.94	568.31	552.05	38.0	36.5	37.2	15.63	15.57	14.84
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	493.69	496.13	445.28	40.4	40.5	39.9	12.22	12.25	11.16
WHOLESALE TRADE	319.18	315.99	298.65	39.6	39.4	39.4	8.06	8.02	7.58
RETAIL TRADE[f]	178.20	177.01	175.81	30.0	29.7	29.9	5.94	5.96	5.88
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	147.7	146.8	143.8	.6	2.7
MANUFACTURING	45.3	45.4	43.3	- .2	4.6
Durable Goods[e]	33.9	34.1	33.0	- .4	2.8
Stone, clay, and glass products	1.6	1.5	1.8	2.7	- 13.0
Primary metal industries	11.0	11.1	10.2	- .7	7.5
Fabricated metal products	7.4	7.3	7.5	1.2	- .9
Fabricated structural metal products	1.7	1.7	2.1	.2	- 18.1
Metal forgings and stampings	2.4	2.4	2.1	3.3	15.0
Nondurable Goods[f]	11.4	11.3	10.3	.4	10.4
Food and kindred products	4.0	4.0	3.6	.9	10.6
Rubber and misc. plastics products	2.8	2.8	2.4	.0	18.6
NONMANUFACTURING[g]	102.4	101.4	100.4	1.0	1.9
CONSTRUCTION	4.7	4.3	4.0	8.8	16.9
TRANSPORTATION AND PUBLIC UTILITIES	5.8	5.7	5.9	1.5	- 2.7
Communication, electric, gas services	2.7	2.7	2.9	.5	- 4.8
WHOLESALE TRADE	7.5	7.5	7.2	.3	3.5
RETAIL TRADE	26.0	25.6	26.0	1.4	.0
FINANCE, INSURANCE, AND REAL ESTATE	6.7	6.7	6.4	.4	4.7
SERVICES	31.8	31.7	31.2	.5	2.1
GOVERNMENT	18.6	18.6	18.5	.0	.2
Local government (includes education)	15.8	15.8	15.6	.0	.9

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$450.59	$441.45	$409.62	41.0	40.5	38.9	$10.99	$10.90	$10.53
Durable Goods[d]	469.36	458.46	419.43	41.1	40.5	38.8	11.42	11.32	10.81
Stone, clay, and glass products	298.22	282.98	280.57	40.3	39.8	41.2	7.40	7.11	6.81
Primary metal industries	511.28	502.66	445.43	41.5	40.9	37.4	12.32	12.29	11.91
Fabricated metal products	532.56	522.91	470.26	42.3	41.9	40.4	12.59	12.48	11.64
Fabricated structural metal products	393.98	397.99	466.05	40.7	41.2	41.5	9.68	9.66	11.23
Metal forgings and stampings	674.97	655.62	542.30	45.3	44.6	40.2	14.90	14.70	13.49
Nondurable Goods[e]	390.98	388.95	375.93	40.6	40.6	39.2	9.63	9.58	9.59
Food and kindred products	414.91	406.62	427.17	40.4	40.5	39.7	10.27	10.04	10.76
Rubber and misc. plastics products	448.12	444.65	404.35	44.5	44.2	43.2	10.07	10.06	9.36
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	555.62	583.81	541.37	35.3	37.4	35.9	15.74	15.61	15.08
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	490.85	483.52	443.37	40.6	40.7	39.8	12.09	11.88	11.14
WHOLESALE TRADE	302.17	302.02	306.36	35.3	35.2	37.0	8.56	8.58	8.28
RETAIL TRADE[f]	160.86	158.51	158.30	29.9	29.3	29.7	5.38	5.41	5.33
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	589.5	584.2	575.3	.9	2.5
MANUFACTURING	145.2	144.6	139.0	.4	4.5
Durable Goods[e]	78.8	78.5	75.4	.3	4.5
Furniture and fixtures	2.0	1.9	2.1	3.0	- 5.6
Primary metal industries	2.1	2.0	1.7	1.7	20.9
Fabricated metal products	12.4	12.5	11.8	- .8	4.9
Fabricated structural metal products	3.6	3.6	3.7	.0	- 2.9
Machinery, except electrical	19.0	18.9	18.3	.6	3.7
Metalworking machinery	7.9	7.9	7.8	- .1	1.9
General industrial machinery	3.5	3.5	3.4	.7	3.6
Electric and electronic equipment	8.2	8.2	8.0	- .5	1.6
Transportation equipment	25.3	25.2	23.7	.3	6.6
Motor vehicles and equipment	10.3	10.2	9.1	.1	13.1
Nondurable Goods[f]	66.4	66.0	63.5	.6	4.5
Food and kindred products	14.8	14.6	13.6	1.5	8.5
Meat products	2.3	2.3	1.7	.9	37.1
Bakery products	2.7	2.6	2.4	3.4	10.8
Beverages	4.3	4.2	4.1	.3	2.6
Apparel and other textile products	4.1	4.1	3.8	.6	8.2
Paper and allied products	6.1	6.0	5.7	.9	6.7
Printing and publishing	11.7	11.7	11.6	- .2	1.3
Chemicals and allied products	21.6	21.6	21.2	.2	2.0
Rubber and misc. plastics products	4.9	5.0	4.3	- 2.7	13.2
NONMANUFACTURING[g]	444.3	439.6	436.4	1.1	1.8
CONSTRUCTION	20.6	19.6	19.7	5.3	4.3
TRANSPORTATION AND PUBLIC UTILITIES	30.9	30.8	31.6	.5	- 2.0
Communication, electric, gas services	14.1	14.1	14.9	- .2	- 5.9
WHOLESALE TRADE	36.0	35.9	36.0	.3	- .1
RETAIL TRADE	104.9	103.7	103.6	1.2	1.3
FINANCE, INSURANCE, AND REAL ESTATE	33.2	33.1	32.7	.4	1.6
Banking	7.3	7.4	7.3	- .3	.0
Insurance carriers	11.3	11.2	11.2	.4	.8
SERVICES	136.4	135.0	130.6	1.0	4.4
GOVERNMENT	81.9	81.3	81.7	.8	.2
Federal government	13.6	13.3	12.6	1.9	7.9
State government (includes education)	17.8	17.8	18.4	- .3	- 3.4
Local government	50.6	50.1	50.7	.8	- .4
Local government, except education	21.2	21.1	21.7	.4	- 2.4
Local government education	29.4	29.0	29.1	1.2	1.1

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$437.85	$445.42	$412.08	41.7	42.1	40.8	$10.50	$10.58	$10.10
Durable Goods[d]	429.11	433.06	398.93	41.5	41.6	40.5	10.34	10.41	9.85
Furniture and fixtures	348.19	347.33	318.16	41.8	41.3	41.0	8.33	8.41	7.76
Primary metal industries	507.04	511.70	419.58	43.3	43.0	37.0	11.71	11.90	11.34
Fabricated metal products	374.39	371.87	379.22	40.3	39.9	41.4	9.29	9.32	9.16
Fabricated structural metal products	367.93	361.89	344.97	40.7	40.3	40.3	9.04	8.98	8.56
Machinery, except electrical	392.89	395.73	357.88	41.4	41.7	38.9	9.49	9.49	9.20
Metalworking machinery	432.95	434.97	387.00	40.5	40.5	37.5	10.69	10.74	10.32
General industrial machinery	359.97	367.65	361.24	42.2	42.9	42.7	8.53	8.57	8.46
Electric and electronic equipment	328.82	332.47	304.94	41.0	41.3	39.5	8.02	8.05	7.72
Transportation equipment	596.52	609.77	544.35	42.7	43.4	42.1	13.97	14.05	12.93
Motor vehicles and equipment	680.33	691.56	616.17	44.7	45.2	43.7	15.22	15.30	14.10
Nondurable Goods[e]	446.01	457.73	427.24	41.8	42.5	41.2	10.67	10.77	10.37
Food and kindred products	494.64	497.94	485.64	43.2	43.0	42.6	11.45	11.58	11.40
Meat products	421.85	412.25	412.85	43.4	42.5	42.3	9.72	9.70	9.76
Bakery products	473.71	492.42	439.21	43.7	43.5	43.4	10.84	11.32	10.12
Beverages	470.68	475.73	442.57	42.1	42.4	41.4	11.18	11.22	10.69
Apparel and other textile products	225.22	213.96	228.33	37.6	36.7	38.7	5.99	5.83	5.90
Paper and allied products	401.76	394.62	361.18	43.2	42.8	40.4	9.30	9.22	8.94
Printing and publishing	427.18	443.56	413.04	40.3	41.3	39.3	10.60	10.74	10.51
Chemicals and allied products	525.01	548.10	489.35	41.9	43.5	41.4	12.53	12.60	11.82
Rubber and misc. plastics products	372.96	389.55	379.85	44.4	46.1	45.6	8.40	8.45	8.33
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	538.69	542.79	541.97	37.1	37.0	37.9	14.52	14.67	14.30
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	466.49	463.34	433.48	39.3	39.2	39.3	11.87	11.82	11.03
WHOLESALE TRADE	362.64	359.86	332.98	40.7	40.8	38.9	8.91	8.82	8.56
RETAIL TRADE[f]	165.58	164.47	160.51	31.3	30.8	30.4	5.29	5.34	5.28
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	229.35	230.12	220.41	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [n]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	829.9	825.8	825.5	.5	.5
MANUFACTURING	210.6	210.6	206.1	.0	2.2
Durable Goods[e]	146.3	146.4	143.6	.0	1.9
Furniture and fixtures	2.3	2.3	2.0	- 2.0	11.3
Primary metal industries	24.6	24.7	23.8	- .2	3.3
Blast furnace and basic steel products	11.9	11.9	12.3	.0	- 3.3
Iron and steel foundries	6.1	6.2	5.5	- .7	11.3
Nonferrous foundries	2.6	2.6	2.5	- .2	1.7
Fabricated metal products	31.8	32.0	30.9	- .7	2.7
Fabricated structural metal products	3.8	3.8	3.6	- .7	5.6
Screw machine products, bolts, etc.	4.2	4.1	4.3	1.2	- 3.1
Metal forgings and stampings	10.9	11.1	10.7	- 1.6	2.0
Machinery, except electrical	32.1	32.0	30.7	.2	4.4
Construction and related machinery	4.9	5.0	5.3[h]	- 1.4	- 7.8
Metalworking machinery	10.5	10.5	10.0	.1	5.4
Special industry machinery	3.1	3.1	2.9	.6	8.0
General industrial machinery	2.8	2.7	2.7	2.3	2.2
Electric and electronic equipment	22.3	22.2	22.2	.4	.3
Electrical industrial apparatus	7.5	7.5	7.4	.0	1.3
Transportation equipment	19.6	19.6	20.5	.1	- 4.5
Motor vehicles and equipment	13.2	13.2	14.2	.1	- 6.8
Instruments and related products	5.9	5.8	5.8	.6	2.1
Nondurable Goods[f]	64.3	64.2	62.6	.1	2.7
Food and kindred products	7.6	7.6	7.6	.6	.8
Bakery products	1.7	1.7	1.8	2.8	- .6
Beverages	1.6	1.6	1.6	1.7	- 1.3
Apparel and other textile products	5.4	5.3	4.9	1.2	10.2
Paper and allied products	5.0	5.0	4.8	.5	4.7
Printing and publishing	15.2	15.1	14.7	.8	3.2
Chemicals and allied products	14.3	14.3	14.3	- .1	- .1
Industrial inorganic chemicals	3.2	3.2	3.4	- .2	- 4.7
Rubber and misc. plastics products	10.9	11.2	10.5	- 2.3	3.7
NONMANUFACTURING[g]	619.4	615.2	619.4	.7	.0
CONSTRUCTION	25.1	23.6	24.5	6.5	2.5
TRANSPORTATION AND PUBLIC UTILITIES	41.4	41.1	41.5	.6	- .3
Communication, electric, gas services	19.6	19.5	20.0	.2	- 2.2
WHOLESALE TRADE	57.4	57.2	58.0	.2	- 1.1
RETAIL TRADE	134.4	132.6	134.4	1.4	.0
FINANCE, INSURANCE, AND REAL ESTATE	47.7	48.0	48.6	- .5	- 1.8
Banking	12.5	12.8	13.4	- 2.1	- 7.0
Insurance carriers	11.5	11.5	12.1	- .6	- 5.3
SERVICES	200.2	198.9	195.1	.7	2.6
GOVERNMENT	112.0	112.7	116.4	- .6	- 3.8
Federal government	19.3	19.4	19.2	- .3	.6
State government (includes education)	7.6	7.9	7.7	- 3.8	- 1.7
Local government	85.1	85.4	89.5	- .4	- 5.0
Local government, except education	43.0	42.9	45.0	.3	- 4.5
Local government education	42.1	42.5	44.5	- 1.1	- 5.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]

MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$459.38	$457.69	$423.05	42.3	42.3	40.6	$10.86	$10.82	$10.42
Durable Goods[d]	487.92	487.77	448.13	42.8	42.9	41.0	11.40	11.37	10.93
Furniture and fixtures	318.39	328.80	290.09	39.7	41.1	36.9	8.02	8.00	7.86
Primary metal industries	552.97	537.20	486.33	43.1	42.5	39.7	12.83	12.64	12.25
Blast furnace and basic steel products	517.68	516.90	467.13	39.1	39.1	36.1	13.24	13.22	12.94
Iron and steel foundries	725.13	661.25	610.34	47.8	44.8	44.1	15.17	14.76	13.84
Nonferrous foundries	362.09	377.15	357.93	42.3	43.5	41.0	8.56	8.67	8.73
Fabricated metal products	474.53	479.76	436.58	43.1	43.3	41.5	11.01	11.08	10.52
Fabricated structural metal products	349.38	337.26	343.20	39.3	38.9	39.0	8.89	8.67	8.80
Screw machine products, bolts, etc.	441.29	448.02	407.55	45.4	45.3	41.8	9.72	9.89	9.75
Metal forgings and stampings	618.27	627.83	548.92	45.9	46.3	43.6	13.47	13.56	12.59
Machinery, except electrical	480.87	473.47	434.97	43.4	43.2	40.5	11.08	10.96	10.74
Construction and related machinery	479.20	476.01	461.78	39.9	39.8	39.2	12.01	11.96	11.78
Metalworking machinery	420.62	418.37	412.91	41.4	41.4	39.4	10.16	10.12	10.48
Special industry machinery	490.56	491.07	439.15	42.0	41.9	40.4	11.68	11.72	10.87
General industrial machinery	425.57	418.16	371.94	42.9	42.8	39.4	9.92	9.77	9.44
Electric and electronic equipment	409.12	406.07	364.77	41.2	41.1	38.6	9.93	9.88	9.45
Electrical industrial apparatus	427.63	416.34	341.44	41.0	40.5	35.2	10.43	10.28	9.70
Transportation equipment	603.44	619.26	585.13	44.6	45.4	45.5	13.53	13.64	12.86
Motor vehicles and equipment	645.98	667.70	627.79	45.3	46.4	46.4	14.26	14.39	13.53
Instruments and related products	373.77	379.61	348.39	41.3	41.9	40.7	9.05	9.06	8.56
Nondurable Goods[e]	382.17	379.20	357.08	40.7	40.6	39.5	9.39	9.34	9.04
Food and kindred products	393.60	392.37	378.28	41.0	41.0	40.2	9.60	9.57	9.41
Bakery products	440.48	433.44	376.27	42.6	42.0	39.4	10.34	10.32	9.55
Beverages	350.24	357.70	354.46	39.8	41.4	41.8	8.80	8.64	8.48
Apparel and other textile products	269.09	276.23	255.13	37.9	38.1	37.3	7.10	7.25	6.84
Paper and allied products	436.37	433.07	385.33	43.9	43.7	41.3	9.94	9.91	9.33
Printing and publishing	366.78	371.12	361.15	36.1	36.6	35.9	10.16	10.14	10.06
Chemicals and allied products	472.22	472.76	435.59	42.2	42.4	40.9	11.19	11.15	10.65
Industrial inorganic chemicals	516.06	515.95	464.12	42.3	42.5	41.0	12.20	12.14	11.32
Rubber and misc. plastics products	352.51	339.62	330.43	43.2	42.4	42.2	8.16	8.01	7.83
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	736.09	727.50	671.46	38.1	38.8	38.0	19.32	18.75	17.67
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	514.29	512.33	459.40	40.4	40.5	39.4	12.73	12.65	11.66
WHOLESALE TRADE	359.10	354.92	334.84	39.9	39.7	38.8	9.00	8.94	8.63
RETAIL TRADE[f]	174.50	172.96	168.13	28.7	28.4	28.4	6.08	6.09	5.92
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	246.64	253.07	241.68	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	516.7	514.0	499.7	.5	3.4
MANUFACTURING	87.1	87.4	83.2	- .3	4.7
Durable Goods[e]	56.1[h]	56.5	52.4	- .6	7.1
Stone, clay, and glass products	9.4	9.3	9.0	.8	4.4
Fabricated metal products	10.1	10.1	9.4	.8	7.8
Machinery, except electrical	9.8	9.7	8.9	.9	10.7
Electric and electronic equipment	10.4	10.2	9.8	1.1	5.5
Transportation equipment	8.9	8.9	7.7	.5	16.6
Nondurable Goods[f]	31.0	30.9	30.8	.1	.7
Food and kindred products	10.0	10.0	9.8	- .2	2.1
Printing and publishing	8.1	8.0	8.1	1.1	- .9
Chemicals and allied products	6.2	6.2	6.1	.4	2.1
Rubber and misc. plastics products	2.7	2.7	2.6	.0	4.6
NONMANUFACTURING[g]	429.6	426.6	416.5	.7	3.1
CONSTRUCTION	15.9	15.0	15.0	6.2	6.4
TRANSPORTATION AND PUBLIC UTILITIES	23.1	22.9	22.7	.9	2.0
Communication, electric, gas services	11.1	11.1	11.0	.0	1.5
WHOLESALE TRADE	27.8	27.7	27.2	.5	2.3
RETAIL TRADE	97.5	95.8	93.7	1.8	4.1
FINANCE, INSURANCE, AND REAL ESTATE	45.0	44.8	42.7	.5	5.5
Banking	8.8	8.8	8.4	- .5	4.4
Insurance carriers	18.1	18.1	17.9	.1	1.1
SERVICES	116.8	116.4	112.7	.4	3.6
GOVERNMENT	102.8	103.5	102.0	- .7	.8
Federal government	11.5	11.5	11.2	.1	2.5
State government	48.3	49.0	48.7	- 1.6	- .9
State government, except education	27.8	27.9	28.3	- .3	- 1.7
State government education[i]	20.5	21.1	20.4	- 3.2	.2
Local government	43.1	43.0	42.0	.1	2.4
Local government, except education	17.5	17.5	17.4	.3	.5
Local government education	25.6	25.6	24.6	.0	3.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$416.12	$413.91	$398.97	40.4	40.5	40.3	$10.30	$10.22	$ 9.90
Durable Goods[d]	430.36	425.89	418.14	40.6	40.6	40.4	10.60	10.49	10.35
Stone, clay, and glass products	386.12	396.19	389.37	39.2	40.1	40.1	9.85	9.88	9.71
Fabricated metal products	490.82	494.08	509.57	40.1	40.3	41.7	12.24	12.26	12.22
Machinery, except electrical	405.82	401.99	373.07	41.2	41.7	39.9	9.85	9.64	9.35
Electric and electronic equipment	430.56	420.04	393.16	41.4	40.9	40.7	10.40	10.27	9.66
Transportation equipment	511.34	506.57	529.87	42.4	41.9	43.9	12.06	12.09	12.07
Nondurable Goods[e]	386.97	386.32	361.80	40.1	40.2	40.2	9.65	9.61	9.00
Food and kindred products	364.32	365.82	361.54	39.6	40.2	41.7	9.20	9.10	8.67
Printing and publishing	446.46	445.28	426.39	37.9	37.8	37.7	11.78	11.78	11.31
Chemicals and allied products	446.71	454.62	407.77	41.4	41.9	40.9	10.79	10.85	9.97
Rubber and misc. plastics products	307.20	308.77	301.08	40.0	40.1	41.3	7.68	7.70	7.29
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	476.63	481.57	498.70	37.5	37.8	37.3	12.71	12.74	13.37
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	515.26	507.55	453.94	40.7	40.8	39.2	12.66	12.44	11.58
WHOLESALE TRADE	287.96	292.00	317.59	39.5	39.3	39.6	7.29	7.43	8.02
RETAIL TRADE[f]	156.99	157.89	164.61	28.7	28.5	29.5	5.47	5.54	5.58
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	240.40	239.03	230.98	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	344.5	343.8	334.8	.2	2.9
MANUFACTURING	91.3	91.4	85.3	- .1	7.0
Durable Goods[e]	63.2	63.4	59.2	- .4	6.7
Stone, clay, and glass products	2.0	2.0	2.0	- 1.9	.6
Fabricated metal products	7.0	7.0	6.4	- .2	9.0
Machinery, except electrical	29.6	29.6	27.8	.1	6.3
Metalworking machinery	6.6	6.6	6.3	.5	5.4
Electric and electronic equipment	5.0	5.0	4.7	- 1.0	5.1
Electrical industrial apparatus	2.9	2.9	2.8	- 1.0	3.0
Transportation equipment	13.4	13.5	12.8	- .8	4.8
Nondurable Goods[f]	28.1	27.9	26.1	.6	7.6
Food and kindred products	2.9	2.9	2.8	.5	4.0
Paper and allied products	5.8	5.7	5.1	1.7	13.1
Printing and publishing	7.4	7.4	7.2	.0	3.4
Rubber and misc. plastics products	8.3	8.3	7.6	- .1	9.7
NONMANUFACTURING[g]	253.3	252.5	249.5	.3	1.5
CONSTRUCTION	9.1	8.6	8.9	5.1	1.7
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.7	12.7	1.1	1.0
Communication, electric, gas services	5.6	5.6	6.0	.2	- 6.3
WHOLESALE TRADE	16.8	16.8	16.5	.1	1.7
RETAIL TRADE	55.9	55.0	55.3	1.6	1.0
FINANCE, INSURANCE, AND REAL ESTATE	14.0	14.0	13.7	.1	2.5
SERVICES	76.9	77.7	74.8	- 1.0	2.9
GOVERNMENT	67.5	67.4	67.3	.1	.2
Federal government	26.2	26.3	25.8	- .4	1.4
State government (includes education)	5.9	6.1	5.8	- 3.4	2.5
Local government	35.3	35.0	35.7	1.0	- 1.0
Local government, except education	13.1	12.9	13.1	1.3	- .3
Local government education	22.3	22.1	22.6	.8	- 1.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$470.73	$478.16	$430.32	42.6	43.0	41.1	$11.05	$11.12	$10.47
Durable Goods[d]	476.62	482.36	427.24	42.9	43.3	41.2	11.11	11.14	10.37
Stone, clay, and glass products	389.75	377.06	358.52	41.2	40.5	38.1	9.46	9.31	9.41
Fabricated metal products	377.14	386.30	332.10	43.2	43.6	40.5	8.73	8.86	8.20
Machinery, except electrical	521.37	520.48	451.02	44.6	44.6	41.8	11.69	11.67	10.79
Metalworking machinery	494.18	486.90	432.01	45.8	45.0	41.7	10.79	10.82	10.36
Electric and electronic equipment	332.92	340.29	310.87	41.0	41.6	39.5	8.12	8.18	7.87
Electrical industrial apparatus	355.72	373.05	329.47	40.7	42.2	39.6	8.74	8.84	8.32
Transportation equipment	578.66	601.44	520.33	42.3	43.3	41.1	13.68	13.89	12.66
Nondurable Goods[e]	457.13	466.99	436.56	41.9	42.3	40.8	10.91	11.04	10.70
Food and kindred products	416.17	409.54	393.56	43.9	43.2	40.2	9.48	9.48	9.79
Paper and allied products	425.35	428.90	359.86	44.4	45.1	40.8	9.58	9.51	8.82
Printing and publishing	407.43	407.11	372.05	37.9	37.8	35.4	10.75	10.77	10.51
Rubber and misc. plastics products	560.90	592.14	582.03	42.3	43.7	44.6	13.26	13.55	13.05
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	495.86	528.07	560.38	36.3	38.1	39.8	13.66	13.86	14.08
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	486.80	494.50	450.99	40.0	40.4	39.7	12.17	12.24	11.36
WHOLESALE TRADE	353.64	355.32	336.17	42.0	42.1	40.6	8.42	8.44	8.28
RETAIL TRADE[f]	160.48	158.34	155.82	29.5	29.0	29.4	5.44	5.46	5.30
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	294.5	291.5	281.8	1.0	4.5
MANUFACTURING	75.9	75.8	67.8	.1	11.9
Durable Goods[e]	59.6	59.4	52.5	.3	13.4
Stone, clay, and glass products	11.4	11.4	11.1	- .3	2.5
Primary metal industries	4.0	4.0	3.7	.9	8.7
Fabricated metal products	8.7	8.5	7.7	2.8	13.0
Metal forgings and stampings	4.2	4.1	3.5	1.0	17.8
Machinery, except electrical	6.5	6.4	6.0	1.4	9.3
General industrial machinery	1.6	1.6	1.6[h]	- .5	- 3.1
Transportation equipment	20.8	21.0	16.7	- .7	25.0
Motor vehicles and equipment	19.6	19.7	15.5	- .6	26.6
Nondurable Goods[f]	16.3	16.4	15.2	- .4	6.9
Food and kindred products	4.0	4.0	3.9	- .9	2.2
Rubber and misc. plastics products	4.5	4.5	3.2	- .7	40.4
NONMANUFACTURING[g]	218.6	215.7	214.0	1.3	2.1
CONSTRUCTION	9.8	9.1	9.9	8.1	- 1.1
TRANSPORTATION AND PUBLIC UTILITIES	17.6	17.5	17.5	.6	.5
Communication, electric, gas services	7.4	7.4	7.8	.3	- 4.2
WHOLESALE TRADE	14.4	14.3	14.4	.6	.2
RETAIL TRADE	50.0	48.8	49.9	2.4	.3
FINANCE, INSURANCE, AND REAL ESTATE	11.0	10.9	10.7	.4	2.2
SERVICES	66.2	65.8	63.8	.7	3.8
GOVERNMENT	49.2	48.9	47.4	.6	3.8
State government (includes education)	15.3	15.5	14.9	- .9	2.6
Local government	31.0	30.7	29.7	1.2	4.5
Local government, except education	12.5	12.1	11.6	3.4	7.6
Local government education	18.6	18.6	18.1	- .2	2.6

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$503.58	$506.05	$482.08	43.6	43.7	42.7	$11.55	$11.58	$11.29
Durable Goods[d]	529.76	532.29	502.12	44.0	44.1	43.1	12.04	12.07	11.65
Stone, clay, and glass products	513.34	520.23	488.32	43.8	44.2	43.1	11.72	11.77	11.33
Primary metal industries	486.42	505.05	429.06	44.1	45.5	41.9	11.03	11.10	10.24
Fabricated metal products	476.69	495.48	469.52	43.1	44.2	42.8	11.06	11.21	10.97
Metal forgings and stampings	520.51	531.36	521.24	42.7	43.2	42.9	12.19	12.30	12.15
Machinery, except electrical	439.95	454.11	416.80	41.9	42.8	40.0	10.50	10.61	10.42
General industrial machinery	470.50	469.06	481.19	41.6	41.4	39.9	11.31	11.33	12.06
Transportation equipment	625.14	621.03	591.41	45.3	45.1	44.5	13.80	13.77	13.29
Motor vehicles and equipment	625.59	621.48	592.30	45.3	45.1	44.5	13.81	13.78	13.31
Nondurable Goods[e]	401.63	403.85	408.12	42.1	42.2	41.1	9.54	9.57	9.93
Food and kindred products	428.69	444.98	419.67	41.3	41.9	41.8	10.38	10.62	10.04
Rubber and misc. plastics products	342.40	341.65	341.54	42.8	42.6	41.1	8.00	8.02	8.31
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	637.70	671.60	656.88	38.3	40.0	39.1	16.65	16.79	16.80
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	500.60	511.70	465.47	40.6	41.2	40.3	12.33	12.42	11.55
WHOLESALE TRADE	338.57	332.64	340.95	38.3	37.8	38.7	8.84	8.80	8.81
RETAIL TRADE[f]	162.11	160.73	161.80	29.0	28.6	29.1	5.59	5.62	5.56
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	182.4	181.0	178.7	.8	2.1
MANUFACTURING	55.6	55.8	52.9	- .3	5.2
Durable Goods[e]	50.4	50.6	48.0	- .3	5.0
Stone, clay, and glass products	1.8	1.8	1.6	- 1.5	13.0
Primary metal industries	23.3	23.4	22.1	- .5	5.6
Blast furnace and basic steel products	9.4	9.4	9.0	- .3	4.4
Fabricated metal products	8.6	8.6	7.5	- .2	13.7
Fabricated structural metal products	1.9	2.0	1.8	- .9	6.2
Machinery, except electrical	3.7	3.7	3.8	.5	- 3.9
Metalworking machinery	1.5	1.5	1.9	.1	- 20.2
Electric and electronic equipment	2.7	2.7	2.6	1.7	4.7
Transportation equipment	8.8	8.8	8.8	.2	- .2
Nondurable Goods[f]	5.2	5.2	4.9	.4	6.3
NONMANUFACTURING[g]	126.8	125.2	125.9	1.3	.8
CONSTRUCTION	5.0	4.7	4.8	6.5	3.5
TRANSPORTATION AND PUBLIC UTILITIES	7.4	7.3	7.6	.7	- 2.8
Communication, electric, gas services	3.1	3.1	3.3	- .8	- 6.6
WHOLESALE TRADE	7.8	7.8	7.6	- .3	2.0
RETAIL TRADE	33.8	33.2	34.2	1.8	- 1.1
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.2	7.2	.5	1.4
SERVICES	40.3	39.9	39.2	1.0	2.7
GOVERNMENT	24.8	24.5	24.6	1.1	.5
Local government (includes education)	19.1	19.1	18.7	- .1	1.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$556.84	$560.28	$527.88	43.3	43.5	42.4	$12.86	$12.88	$12.45
Durable Goods[d]	573.78	577.28	543.56	43.6	43.8	42.8	13.16	13.18	12.70
Stone, clay, and glass products	361.52	360.84	365.63	38.5	38.8	39.4	9.39	9.30	9.28
Primary metal industries	556.49	561.91	502.20	41.1	41.5	38.9	13.54	13.54	12.91
Blast furnace and basic steel products	522.59	543.05	474.66	39.5	40.8	36.4	13.23	13.31	13.04
Fabricated metal products	667.87	681.12	565.90	47.0	47.3	43.1	14.21	14.40	13.13
Fabricated structural metal products	458.55	399.59	433.13	43.3	39.8	40.9	10.59	10.04	10.59
Machinery, except electrical	466.09	458.10	450.43	40.6	39.8	38.4	11.48	11.51	11.73
Metalworking machinery	472.49	459.20	459.36	42.3	41.0	39.6	11.17	11.20	11.60
Electric and electronic equipment	448.36	442.64	387.69	44.0	43.1	40.3	10.19	10.27	9.62
Transportation equipment	667.51	668.89	751.03	48.3	48.4	54.7	13.82	13.82	13.73
Nondurable Goods[e]	367.64	357.06	352.42	40.4	40.3	38.6	9.10	8.86	9.13
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	558.19	569.02	554.24	34.8	35.9	36.9	16.04	15.85	15.02
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	487.22	480.80	437.89	40.5	39.9	39.7	12.03	12.05	11.03
WHOLESALE TRADE	343.31	338.68	301.25	36.6	36.3	35.4	9.38	9.33	8.51
RETAIL TRADE[f]	170.50	169.93	161.48	29.6	29.4	29.2	5.76	5.78	5.53
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities.	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate.	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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